

## CSP-2017-1 MT - Ag Land Associated Ag Land

### Soil Erosion

#### Sheet and Rill Erosion

##### Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10%.  
Assessment level: The water erosion rate is <= T.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

##### Evaluation Test Met

Yes ☐ No ☐

### Wind Erosion

##### Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10%.  
Assessment level: The wind erosion rate is <= T.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

##### Evaluation Test Met

Yes ☐ No ☐

### Classic Gully Erosion

##### Planning Criteria

Screening level: Classic gullies are not present. Assessment level: Classic gully management is adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

##### Evaluation Test Met

Yes ☐ No ☐

**CSP-2017-1 MT - Ag Land Associated Ag Land****Streambank, Shoreline, Water Conveyance Channels****Planning Criteria****Planning Criteria Met**

Screening level: Streams, shoreline or channels are not adjacent to site.

Yes ☐No ☐

Assessment level: For shorelines and water conveyance channels; banks are stable or commensurate with normal geomorphological processes, AND if bank erosion is present, it is beyond the client's control or commensurate with normal geomorphological processes, AND for streambanks, SVAP2 bank condition element score > 5.

**Evaluation Tests****Evaluation Test Met**

Excluding all fundamentally unstable, natural geomorphic streambanks/shorelines, all streambanks/shorelines on the operation show few signs of erosion or bank failure. Each is stable and protected with natural materials.

Yes ☐No ☐

## CSP-2017-1 MT - Ag Land Associated Ag Land

### Water Quality Degradation

#### Nutrients in Surface Water

##### **Planning Criteria**

##### **Planning Criteria Met**

Screening level: Organic or inorganic nutrients are not applied AND the PLU is not grazed AND there are no confined livestock areas.  
Assessment level: Nutrients if applied, are based on a soil test, tissue tests or nutrient budget AND conservation practices and managements are in place to minimize surface water impacts.

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area, - extend from the stream bank/shoreline for a distance of 35 feet or (if applicable) the minimum State buffer-width requirement, whichever is greater, AND - have few places where concentrated runoff flows through.

Yes ☐ No ☐

#### Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water

##### **Planning Criteria**

##### **Planning Criteria Met**

Screening level: Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants.  
Assessment level: Petroleum, heavy metals or other potential pollutants are stored and handled to avoid runoff to surface water.

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

The fuel storage area and tank is located: - above the 100-year floodplain, - a minimum of 100 feet from any river, stream, ditch, pond, lake, sinkhole, wetland, or water well, and - within a stable place designed to provide secondary containment if the primary means were to fail.

Yes ☐ No ☐

### CSP-2017-1 MT - Ag Land Associated Ag Land

#### Petroleum, Heavy Metal and Other Pollutants Transported to Ground Water

##### Planning Criteria

Screening level: Activities do not present the potential for contamination by petroleum, heavy metals and other pollutants.  
Assessment level: Petroleum, heavy metals or other potential pollutants are stored and handled to avoid runoff to groundwater.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

The fuel storage area and tank is located: - above the 100-year floodplain, - a minimum of 100 feet from any river, stream, ditch, pond, lake, sinkhole, wetland, or water well, and - within a stable place designed to provide secondary containment if the primary means were to fail.

##### Evaluation Test Met

Yes ☐ No ☐

#### Excessive Sediment in Surface Water

##### Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10% AND classic gullies are not present AND streams or shoreline are not on or adjacent to site. Assessment level: Upslope treatment and buffer practices address concentrated flows to water bodies AND the SVAP2 - bank condition >= 5 AND the livestock and vehicle water crossings are stable AND The water erosion rate is <= T AND wind erosion rate is <= T.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area, - extend from the stream bank/shoreline for a distance of 35 feet or (if applicable) the minimum State buffer-width requirement, whichever is greater, AND - have few places where concentrated runoff flows through.

##### Evaluation Test Met

Yes ☐ No ☐

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Yes ☐ No ☐

**CSP-2017-1 MT - Ag Land Associated Ag Land**

**Elevated Water Temperature**

**Planning Criteria**

Screening level: Water courses on or adjacent to the site are not designated by a State Agency as a temperature impairment OR water course temperature is not a client concern. Assessment level: The SVAP2 - riparian area quality element score is  $\geq 5$  AND the SVAP2 - riparian area quantity quality element score is  $\geq 5$  AND the SVAP2 - canopy cover element score is  $\geq 6$ , OR existing conservation practices are in place to address water temperature.

**Planning Criteria Met**

Yes ☐ No ☐

**Evaluation Tests**

More than 50 percent of the water surface is shaded on the length of the stream/river you control.

**Evaluation Test Met**

Yes ☐ No ☐

## CSP-2017-1 MT - Ag Land Associated Ag Land

### Air Quality Impacts

#### Emissions of Particulate Matter (PM) and PM Precursors

##### **Planning Criteria**

Screening level: Activities are not present that contribute to agricultural source PM or PM precursor emissions AND episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred. PM producing activity examples are: Prescribed Burn is conducted, Travel ways unpaved or treated with binding agents, Engines (combustion source), Tillage, Pesticides are applied, Fertilization (manure/ commercial), CAFO/manure management). Assessment level: PM and PM Precursor emissions are managed to meet client objectives.

##### **Planning Criteria Met**

Yes ☐ No ☐

##### **Evaluation Tests**

Dust is controlled on all non-vegetated, unpaved travel ways.

##### **Evaluation Test Met**

Yes ☐ No ☐

#### Emission of Greenhouse Gases (GHGs)

##### **Planning Criteria**

Screening level: Activities are not present that produce GHGs emissions. GHG producing activities are: Fertilization(manure/commercial), CAFO/manure management, Engines (combustion source), Tillage, AND GHGs are not regulated in this planning area. Assessment level: Greenhouse gas emissions are managed to meet client objectives.

##### **Planning Criteria Met**

Yes ☐ No ☐

##### **Evaluation Tests**

The forest or woodlot is fully stocked with tree species adapted to the site. Species have high-growth rates or long life span with the ability to reach a large size.

##### **Evaluation Test Met**

Yes ☐ No ☐

## CSP-2017-1\_MT - Ag Land\_Associated Ag Land

### Degraded Plant Condition

#### Undesirable Plant Productivity and Health

##### **Planning Criteria**

##### **Planning Criteria Met**

Screening level: Plant production and health is not a client concern.  
Assessment level: Plants are adapted to the site, meet production goals and do not negatively impact other resources AND plant damage from wind erosion is below Crop Damage Tolerance levels.

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

The forest or woodlot is fully stocked with tree species adapted to the site, has spacing for good tree growth and air flow between and beneath, does not have excessive tree mortality, has an understory made up of desirable species and is not inhibited by brush or other undesirable vegetation. Monitoring for Insects and disease is completed to prevent outbreaks that would be detrimental to forest health.

Yes ☐ No ☐

### Inadequate Structure and Composition

##### **Planning Criteria**

##### **Planning Criteria Met**

Screening level: Plant communities support the intended land use and desired ecological functions. Assessment level: Plant communities contain adequate diversity, composition and structure to support desired ecological functions.

Yes ☐ No ☐

##### **Evaluation Tests**

##### **Evaluation Test Met**

The current plants provide the desired habitat structure and composition.

Yes ☐ No ☐

## **CSP-2017-1 MT - Ag Land Associated Ag Land**

### **Excessive Plant Pest Pressure**

#### **Planning Criteria**

Screening level: Plant productivity is not limited from pest pressure.  
Assessment level: Pest damage to plants are below economic or environmental thresholds or client-identified criteria AND plant pests, including noxious and invasive species are managed to meet client objectives.

#### **Planning Criteria Met**

Yes ☐ No ☐

#### **Evaluation Tests**

Invasive and noxious weeds are controlled or not present.

#### **Evaluation Test Met**

Yes ☐ No ☐

### **Wildfire Hazard, Excessive Biomass Accumulation**

#### **Planning Criteria**

Screening level: Wildfire hazards is not a concern. Assessment level: Fuel loads and fuel ladders are managed to provide defensible space and meet client objectives.

#### **Planning Criteria Met**

Yes ☐ No ☐

#### **Evaluation Tests**

Fire risk to sensitive sites are controlled by treatment, removal or modification of vegetation, debris and detritus in a strip or area.

#### **Evaluation Test Met**

Yes ☐ No ☐



## CSP-2017-1 MT - Ag Land Associated Ag Land

### Fish and Wildlife - Inadequate Habitat

#### Inadequate Habitat - Food

##### Planning Criteria

Assessment level: The WHSI rating is  $\geq 0.5$  AND (when surface stream present) the SVAP2 - fish habitat complexity element score is  $\geq 7$  AND the SVAP2 - aquatic invertebrate habitat element score is  $\geq 7$ , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR food is available in quality and extent to support habitat requirements for the species of interest.

##### Planning Criteria Met

Yes ☐ No ☐

##### Evaluation Tests

Designated areas are planted as food and habitat for pollinators/beneficial insects. For example, planted to nectar and pollen producing plants and protected from disruption--chemical, biological, or mechanical.

##### Evaluation Test Met

Yes ☐ No ☐

The land adjacent to a stream, river, or other waterbody on the side or sides you control does: - have diverse, natural plant cover typical to that along streams in your area, AND - extend from the stream bank/shoreline for a distance of 35 feet or (if applicable) the minimum State buffer-width requirement, whichever is greater.

Yes ☐ No ☐

## CSP-2017-1 MT - Ag Land Associated Ag Land

### Inadequate Habitat - Cover/Shelter

#### Planning Criteria

Assessment level: The WHSI rating is  $\geq 0.5$  AND (when surface stream present) the SVAP2 - barriers to movement element score is  $\geq 7$  AND the SVAP2 - fish habitat complexity element score is  $\geq 7$  AND the SVAP2 - aquatic invertebrate habitat element score is  $\geq 7$ , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR cover is of available quality and extent to support habitat requirements for the species of interest.

#### Planning Criteria Met

Yes ☐ No ☐

#### Evaluation Tests

Designated areas are planted as food and habitat for pollinators/beneficial insects. For example, planted to nectar and pollen producing plants and protected from disruption--chemical, biological, or mechanical.

#### Evaluation Test Met

Yes ☐ No ☐

The pond/lake, which supports a natural or planted fish population, is managed: -to exclude livestock, -to control nuisance species and undesirable aquatic vegetation controlled, -to complies with state and local regulations when stocking the pond, AND -use of a buffer zone of diverse, natural plant cover at least 35 feet wide.

Yes ☐ No ☐

All stream banks show few signs of erosion or bank failure. Each is stable and protected with natural materials.

Yes ☐ No ☐

Plant growth provides cover/shelter that benefits threatened, endangered, or declining wildlife species. <see State Wildlife Action Plan>

Yes ☐ No ☐

Dead and/or down trees are intentionally left in the forest to provide wildlife cover.

Yes ☐ No ☐

Large, old, and/or "wolf" trees are intentionally retained in the forest to provide wildlife shelter. For example, trees with gnarled appearance, loose bark, or cavities.

Yes ☐ No ☐

**CSP-2017-1 MT - Ag Land Associated Ag Land****Inadequate Habitat - Water****Planning Criteria**

Assessment level: The WHSI rating is  $\geq 0.5$  AND (when surface stream present) the SVAP2 - aquatic invertebrate habitat element score is  $\geq 7$ , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR water is available in quality and extent to support habitat requirements for the species of interest.

**Planning Criteria Met**Yes ☐ No ☐**Evaluation Tests**

Access to water is at the right height, depth and time of year for wildlife species.

**Evaluation Test Met**Yes ☐ No ☐

## CSP-2017-1 MT - Ag Land Associated Ag Land

### Inadequate Habitat - Habitat Continuity (Space)

#### Planning Criteria

Assessment level: The WHSI rating is  $\geq 0.5$  AND (when surface stream present) the SVAP2 - barriers to movement element score is  $\geq 7$  AND the SVAP2 - aquatic invertebrate habitat element score is  $\geq 7$ , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR The connectivity of habitat components are adequate to support stable populations of targeted species.

#### Planning Criteria Met

Yes ☐ No ☐

#### Evaluation Tests

Designated areas are planted as habitat for pollinators/beneficial insects. Non-cropped area protected from disruption during nesting and foraging periods--chemical, biological, or mechanical.

#### Evaluation Test Met

Yes ☐ No ☐

In-stream structures (dam, diversion structure, bridge, culvert, low-water stream crossing, etc.) allow for the upstream/downstream movement of fish and other aquatic animals throughout most of the year.

Yes ☐ No ☐

People, vehicles, equipment, or livestock are only moved across a stream/river at a bridge, culvert, or stabilized ford crossing(s). Travel across the stream/river beyond these crossings is controlled.

Yes ☐ No ☐

Connectivity between food resources and cover and shelter is provided for the chosen wildlife species. <see State Wildlife Action Plan>

Yes ☐ No ☐

**CSP-2017-1 MT - Ag Land Associated Ag Land**

**Inefficient Energy Use**

**Equipment and Facilities**

**Planning Criteria**

**Planning Criteria Met**

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

**Evaluation Tests**

**Evaluation Test Met**

Recommendations/components of an energy audit have been applied. The audit addressed equipment and facilities on the farm. For example, energy loss from lighting, drying, refrigeration, heating, or building insulation have been improved.

Yes ☐ No ☐

Renewable energy systems are applied. For example, solar, wind, geothermal, or hydro.

Yes ☐ No ☐

**CSP-2017-1 MT - Ag Land Associated Ag Land**

**Farming/Ranching Practices and Field Operations**

**Planning Criteria**

**Planning Criteria Met**

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

**Evaluation Tests**

**Evaluation Test Met**

Recommendations/components of an energy audit have been applied. The audit addressed equipment and facilities on the farm. For example, energy loss from lighting, drying, refrigeration, heating, or building insulation have been improved.

Yes ☐ No ☐

Renewable energy systems are applied. For example, solar, wind, geothermal, or hydro.

Yes ☐ No ☐